

# Comparisons of Job Characteristics

**Focus Occupation:** Middle School Teachers, Except Special and Career/Technical Education (25-2022)

**Associated Occupation:** Elementary School Teachers, Except Special Education (25-2021)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 92

**Focus Occupation:** Middle School Teachers, Except Special and Career/Technical Education (25-2022)

**Associated Occupation:** Elementary School Teachers, Except Special Education (25-2021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Education and Training	9.2	16.7	19.3	> Current knowledge level is likely sufficient
English Language	11.2	16.2	19.2	> Current knowledge level is likely sufficient
Psychology	6.4	12.9	10.7	< Expanded education and/or training may be required
Geography	3.9	11.5	7.8	<< Extensive education and/or training may be required
Sociology and Anthropology	4.1	11.0	9.6	< Expanded education and/or training may be required
History and Archeology	2.6	9.7	8.9	0 Current knowledge level may be sufficient
Philosophy and Theology	3.2	9.6	7.2	<< Extensive education and/or training may be required
Fine Arts	2.2	6.0	6.1	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 97

**Focus Occupation:** Middle School Teachers, Except Special and Career/Technical Education (25-2022)

**Associated Occupation:** Elementary School Teachers, Except Special Education (25-2021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Learning Strategies	7.2	15.0	12.5	< A higher skill level may be required
Monitoring	9.9	13.5	11.5	< A higher skill level may be required
Instructing	7.8	13.2	14.0	0 Current skill level may be sufficient
Social Perceptiveness	9.1	12.9	11.9	0 Current skill level may be sufficient

Coordination	9.1	11.5	10.8	0	Current skill level may be sufficient
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 98			
Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022) Associated Occupation: Elementary School Teachers, Except Special Education (25-2021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	16.0	15.7	0	Current ability level may be sufficient
Oral Comprehension	12.5	15.2	14.6	0	Current ability level may be sufficient
Speech Clarity	10.2	13.7	14.2	0	Current ability level may be sufficient
Speech Recognition	9.9	13.7	11.8	<	Some improvement in abilities may be required
Written Expression	9.8	13.2	14.3	0	Current ability level may be sufficient
Deductive Reasoning	10.6	12.9	11.1	<	Some improvement in abilities may be required
Originality	7.6	12.5	10.0	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	12.0	9.1	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	9.1	8.0	<	Some improvement in abilities may be required
Memorization	5.6	8.3	9.1	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 100
Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022) Associated Occupation: Elementary School Teachers, Except Special Education (25-2021)		
Work Activities	Exclusivity of Activity	
Assess educational potential or need of students	73	
Communicate student progress	66	
Conduct field trips	89	
Conduct parent conferences	75	
Convert information into instructional program	38	
Design classroom presentations	45	
Develop course or training objectives	42	
Develop instructional materials	38	
Develop teaching aids	74	
Ensure correct grammar, punctuation, or spelling	48	

Establish and maintain relationships with students	74
Evaluate student performance	46
Maintain educational records, reports, or files	43
Maintain group discipline in an educational setting	77
Make education presentations	46
Monitor student progress	66
Organize educational material or ideas	41
Prepare educational reports	44
Recognize student learning levels	75
Recognize student problems	75
Record student progress	46
Resolve behavioral or academic problems	77
Schedule student field trips	89
Select teaching materials to meet student needs	72
Use classroom management techniques	81
Use computers to enter, access or retrieve educational data	46
Use interpersonal communication techniques	10
Use knowledge of multi-media technology	70
Use motivational techniques in education	76
Use oral or written communication techniques	1
Use public speaking techniques	13
Use teaching techniques	29

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 87

**Focus Occupation: Middle School Teachers, Except Special and Career/Technical Education (25-2022)**  
**Associated Occupation: Elementary School Teachers, Except Special Education (25-2021)**

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Business function specific software	1
Cameras	2
Computer printers	2
Computers	1
Content authoring and editing software	1
Drafting supplies	9
Duplicating machines	6
Educational or reference software	12
Information exchange software	1
Network applications software	1
Projectors and supplies	13
Toys	35
Viewing and observing instruments and accessories	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.